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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/747,683

12/30/2003

Michael John Brickwood

82910-1902 ADB

2871

23529

7590

05/17/2006

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CANADA

EXAMINER

PIERCE, WILLIAM M

ART UNIT

PAPER NUMBER

3711

DATE MAILED: 05/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

28

Office Action Summary	Application No. 10/747,683	Applicant(s) BRICKWOOD ET AL.	
	Examiner William M. Pierce	Art Unit 3711	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.


Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


WILLIAM M. PIERCE
PRIMARY EXAMINER

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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747683

DETAILED ACTION

The claims have been mis-numbered. Claim 10 has been omitted. As such claims 11-15 have been renumbered 10-14 respectively. An action on the merits follows below for the 14 claims pending, claims 1-14.

Claim Rejections - 35 USC § 112

Claims 1-14 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

Printed electronics and battery technology are in a “primitive form right now” according to Printed Electronics Review. While many applications are contemplated, applicant has not shown how one would produce his device using this technology in such a way that it is cost effective to be disposed of after use as disclosed in his lottery ticket (spec. pg. 6, ln. 20). Further while the claimed invention is conceivable, there is no evidence of record of what technology, either new or known, will be used to make it. Forming the battery, conductive path and powered element on the substrate, particularly by “printing” is not disclosed. While it is recognized that a body of art commonly referred to as “printed circuit boards” and printed electronics is known, nowhere in the disclosure does it mention how one would make applicant’s claimed invention using this technology. Further, while at the top of pg. 7 of the specification it is stated that these components are “available from commercial suppliers” it is not specific. One cannot readily determine and must speculate which components applicant is using for his invention and how to make them or where they are obtained. An applicant’s specification must enable a person skilled in the art to make and use the claimed invention without undue experimentation. There is no evidence that a skilled artisan would know how to do so without such disclosure. See, e.g., Dossel, 115 F.3d at 946-47, 42 USPQ2d at 1884-85; Northern Telecom v. Datapoint Corp., 908 F.2d 931, 941-43, 15 USPQ2d 1321, 1328-30 (Fed. Cir.1990).

Conclusion


The prior art made of record and not relied upon is considered pertinent to applicant’s disclosure. IDTechEx discusses “active lottery tickets” at fifth line from bottom. Johnson fails to show a removable covering. Behm (and his body of patents) uses an electronic verification machine and has no battery, Kudas shows screen printing of conductive ink, Borowski fails to show paths and powered element, McNally fails to show removable covering.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to William Pierce whose telephone number is 571-272-4414 and E-mail address is bill.pierce@USPTO.gov. The examiner can normally be reached on ~~Monday and Friday 9:00 to 7:00~~.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gene Kim can be reached on 571-272-4463. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



WILLIAM M. PIERCE
PRIMARY EXAMINER